

58C

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/518,181
Source: PCT
Date Processed by STIC: 01/05/2006

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/518,181

DATE: 01/05/2006
TIME: 11:04:34

Input Set : A:\07947.ST25.txt
Output Set: N:\CRF4\01052006\J518181.raw

3 <110> APPLICANT: The Regents of the University of California
 5 <120> TITLE OF INVENTION: Methods for Inhibiting Angiogenesis, Cell Migration, Cell
 6 Adhesion, and Cell Survival
 8 <130> FILE REFERENCE: UCSD-07947
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/518,181
 C--> 10 <141> CURRENT FILING DATE: 2004-12-15
 10 <160> NUMBER OF SEQ ID NOS: 116
 12 <170> SOFTWARE: PatentIn version 3.2
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 68
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Artificial Sequence
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: Synthetic
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 25 cattgtat 68
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 102
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Synthetic
 36 <400> SEQUENCE: 2
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 39 1 5 10 15
 42 Arg Ser Asp Gly Lys Pro Val Lys Lys Arg Ser Val Ser Glu Ile Gln
 43 20 25 30
 46 Leu Met His Asn Leu Gly Lys His Leu Ser Ser Leu Glu Arg Val Glu
 47 35 40 45
 50 Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn Phe Val Val Leu Gly
 51 50 55 60
 54 Ala Ser Ile Val His Arg Asp Gly Gly Ser Gln Arg Pro Pro Lys Lys
 55 65 70 75 80
 58 Glu Asp Asn Val Leu Val Glu Ser His Gln Lys Ser Leu Gly Glu Ala
 59 85 90 95
 62 Asp Lys Ala Ala Val Gly
 63 100
 66 <210> SEQ ID NO: 3
 67 <211> LENGTH: 306
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Artificial Sequence
 71 <220> FEATURE:

(pg-6)

RAW SEQUENCE LISTING

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Output Set: N:\CRF4\01052006\J518181.raw

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 77 aaggcctgtta agaagagatc tggagtgaa atacagctta tgcataacct gggcaaacac 120
 79 ctgagctctc tggagagagt ggaatggctg cgaaagaagc tgcaggatgt gcacaacttt 180
 81 gttgttctcg gagttctat agttcacaga gatggtggtt cccagagacc cccaaaaaaag 240
 83 gaagacaatg tcctagttga gagccatcaa aaaagtctcg gagaagcaga taaagctgct 300
 85 gtgggg 306

88 <210> SEQ ID NO: 4
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 90 <212> TYPE: PRT
 91 <213> ORGANISM: Artificial Sequence
 93 <220> FEATURE:
 94 <223> OTHER INFORMATION: Synthetic
 96 <400> SEQUENCE: 4
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 99 1 5 10 15
 102 Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser Gln
 103 20 25 30
 106 Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu Lys
 107 35 40 45
 110 Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asn Val Leu Thr Lys Ala
 111 50 55 60
 114 Lys Ser Gln
 115 65
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 129 gtaagcactt gaactctatg gaaagagttt aatggtttag aaagaagctg caggacgttc 120
 131 acaacttcgt tgctttggga gctccattgg ctccaaagaga cgctggttct caaagaccaa 180
 133 gaaagaagga agacaacgtt ttgggtgaat ctcacgaaaa gtctttgggt gaagctgaca 240
 135 aggctgacgt taacgtgtta actaaggcta aatcgcaata aagatcttga 290
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 139 <211> LENGTH: 120
 140 <212> TYPE: DNA
 141 <213> ORGANISM: Homo sapiens
 143 <400> SEQUENCE: 6
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 149 <210> SEQ ID NO: 7
 150 <211> LENGTH: 116
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Homo sapiens
 154 <400> SEQUENCE: 7

RAW SEQUENCE LISTING DATE: 01/05/2006
PATENT APPLICATION: US/10/518,181 TIME: 11:04:34

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155 gagtcatcat ccattccca tttccctct ccatccacaa gcataactc aatattcagt      60
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160 <210> SEQ ID NO: 8
161 <211> LENGTH: 115
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo sapiens
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168 1           5           10          15
171 Ile Cys Phe Leu Thr Lys Ser Asp Gly Lys Ser Val Lys Lys Arg Ser
172           20          25          30
175 Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn Ser
176           35          40          45
179 Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
180           50          55          60
183 Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser Gln
184 65           70          75          80
187 Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu Lys
188           85          90          95
191 Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asn Val Leu Thr Lys Ala
192           100         105         110
195 Lys Ser Gln
196           115
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200 <211> LENGTH: 772
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 9
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207 cattgtatgt gaagatgata cctgcaaaag acatggctaa agttatgatt gtcattgttgg      120
209 caatttgttt tcttacaaaa tcggatggga aatctgttaa gaagagatct gtgagtgaaa      180
211 tacagcttat gcataacctg ggaaaacatc tgaactcgat ggagagagta gaatggctgc      240
213 gtaagaagct gcaggatgtg cacaattttg ttgccttgg agtcctcta gctccagag      300
215 atgctggttc ccagaggccc cgaaaaaaagg aagacaatgt cttgggttag agccatgaaa      360
217 aaagtcttgg agaggcagac aaagctgtat tgaatgtatt aactaaagct aaatcccagt      420
219 gaaaatgaaa acagatattt tcagagttt gctctagaca gtgttagggca acaatacatg      480
221 ctgctaattt aaagctctat taagatttcc aagtgcattt atttctgata taacaaacta      540
223 catgtaatcc atcactagcc atgataactg caatttat tgattattct gattccactt      600
225 ttattcattt gagttatccc aattatctt tctattgttt attctttta aagttatgtt      660
227 ttgcataatt tataaaagaa taaaattcga cttttaacc tctcttctac cttaaaatgt      720
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233 <211> LENGTH: 27
234 <212> TYPE: DNA
235 <213> ORGANISM: Unknown
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Synthetic
240 <400> SEQUENCE: 10
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Output Set: N:\CRF4\01052006\J518181.raw

244 <210> SEQ ID NO: 11
 245 <211> LENGTH: 42
 246 <212> TYPE: DNA
 247 <213> ORGANISM: Unknown
 249 <220> FEATURE:
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 252 <400> SEQUENCE: 11
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 256 <210> SEQ ID NO: 12
 257 <211> LENGTH: 263
 258 <212> TYPE: DNA
 259 <213> ORGANISM: Artificial Sequence
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 262 <223> OTHER INFORMATION: Synthetic
 264 <400> SEQUENCE: 12
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 267 gcgtgtagaa tggctgcgt aagaaggtaa ggatgtgcac aattttgttg ccttaggtgc 120
 269 cccattggct cctcgtgatg ctggttccca aagaccacgt aaaaaggaag acaatgtctt 180
 271 agttgagagc catgaaaaat cccttaggcga ggcagacaag gccgatgtga atgtattaac 240
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 276 <210> SEQ ID NO: 13
 277 <211> LENGTH: 614
 278 <212> TYPE: DNA
 279 <213> ORGANISM: Artificial Sequence
 281 <220> FEATURE:
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 284 <400> SEQUENCE: 13
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 287 ttaaggttaga agagaggattt aaaagtgcggaa ttttatttctt ttataaatta tgcaataaca 120
 289 tactttaaaa agaataaaaca atagaaaaga taattttaaat aactcaaattt aataaaaatgt 180
 291 gaatcagaat aatcaattaa aatttcgtt atcatggctt gtgtatggatt acatgttagtt 240
 293 ttttatatca gaaatattgg cacttggaaa tcttaataga gctttgaatt agcagcatgt 300
 295 atttttgcggcc tacactgtct agagcagaac tctgacaata tctgttttca ttttcactgg 360
 297 gattttagctt tagtttaatac attcacatca gctttgtctg cctctccaag actttttca 420
 299 tggctctcaa ccaagacatt gtcttccttt tttcgccggcc tctggaaacc agcatctgt 480
 301 ggagcttagag gagctccaag ggcaacaaaaa ttgtgcacat cctgcagatgtt cttacgcagc 540
 303 cattctactt tctccatcga gttcagatgt tttccaggt tatgcataag ctgtatttca 600
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 309 <211> LENGTH: 68
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 311 <213> ORGANISM: Unknown
 313 <220> FEATURE:
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 316 <400> SEQUENCE: 14
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 319 taaagaca 68
 322 <210> SEQ ID NO: 15
 323 <211> LENGTH: 115

RAW SEQUENCE LISTING DATE: 01/05/2006
 PATENT APPLICATION: US/10/518,181 TIME: 11:04:34

Input Set : A:\07947.ST25.txt
 Output Set: N:\CRF4\01052006\J518181.raw

324 <212> TYPE: PRT
 325 <213> ORGANISM: Homo sapiens
 327 <400> SEQUENCE: 15
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 333 Ile Cys Phe Leu Thr Lys Ser Asp Gly Lys Ser Val Lys Lys Arg Ser
 334 20 25 30
 337 Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn Ser
 338 35 40 45
 341 Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
 342 50 55 60
 345 Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser Gln
 346 65 70 75 80
 349 Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu Lys
 350 85 90 95
 353 Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asn Val Leu Thr Lys Ala
 354 100 105 110
 357 Lys Ser Gln
 358 115
 361 <210> SEQ ID NO: 16
 362 <211> LENGTH: 1156
 363 <212> TYPE: DNA
 364 <213> ORGANISM: Homo sapiens
 366 <400> SEQUENCE: 16
 367 aagcttctcg taaaaaccaa cccaaattgt tagtattgca ttctgtgtac tatagtttgg 60
 369 aatattaaaa atatttttaa atacctccat tttgcttatac ctttttagtga agatgataacc 120
 371 tgcaaaaagac atggctaaag ttatgattgt catgttggca atttggtttc ttacaaaatc 180
 373 gcatggaaaa tctgttaagt aagtactgtt ttgccttgaa attggatttt taatgttgac 240
 375 ttatcattt cgaagtgggg agctaattggg aagtggccct ctctgtttct cttcttccca 300
 377 ggaagagatc tgcgtgttatacgttgcataacccat gggaaaacat ctgaactcga 360
 379 tggagagatc agaatggctg cgtaagaagc tgcaggatgt gcacaatttt gttggcccttg 420
 381 gagctcctct agctcccaga gatgctgggtt cccagaggcc ccggaaaaaaag gaagacaatg 480
 383 tcttgggttga gagccatgaa aaaagtcttgg gagaggcaga caaagctgtat gtgaatgtat 540
 385 taactaaagc taaatcccag tggaaaatgaa aacagatatt gtcagagttc tgctctagac 600
 387 agttagggc aacaatacat gctgctaatt caaagctcta ttaagatttc caagtgc当地 660
 389 tatttctgtat ataacaaaact acatgtatcatc catcaacttgc catgataact gcaattttaa 720
 391 ttgatttatttc tgattccact ttatttatttc tgaggatttt taatttatttc ttcttatttt 780
 393 tattttttt aaagtatgtt attgcataat ttataaaaaga ataaaattgc acttttaaac 840
 395 ctctcttcta ccttaaaaatg taaaacaaaa atgtatgtat cataagtcta aataaaatgaa 900
 397 gtatttctca ctcattgcaa gtatattttt ttgggttatca ctgataccca catgtttaca 960
 399 ttgatcatga cttaggttagaa caatacacaag tatttttttgcatgtgtt tcacattttgg 1020
 401 atattttgaa catcaacgtt tttagtattac caaagtatggg ggttccaaa tcttcacttag 1080
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 409 <211> LENGTH: 526
 410 <212> TYPE: DNA
 411 <213> ORGANISM: Homo sapiens
 413 <400> SEQUENCE: 17

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:45; N Pos. 426, 427, 428, 429, 430, 438, 439, 440, 441, 442, 443, 449, 450, 451, 492

Seq#:45; N Pos. 493, 494

Seq#:90; N Pos. 8, 23, 32, 48, 59

Seq#:114; Xaa Pos. 10

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:420
L:1555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:480
L:4242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0
L:5604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0